

Claims:

1-19. (Cancelled)

20. (Currently amended) A method of ~~balancing the concentration of~~ treating a cadmium deficiency in body fluids and tissues of a human which comprises administering to a human suffering from ~~unbalanced~~ deficient levels of cadmium in his body fluids and tissues a bioavailable and physiologically acceptable cadmium salt in a dosage regimen sufficient to ~~balance~~ minimize or eliminate said cadmium ~~concentration~~ deficiency.

21. (Currently amended) The method of claim ~~19~~20, wherein said ~~unbalanced~~ deficient levels of cadmium are at least about 15% below normal.

22. (Currently amended) The method of claim 20, wherein said ~~unbalanced~~ deficient levels of cadmium are at least about 20% below normal.

23. (Currently amended) A method in accordance with claim ~~17~~ or 20, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 0.025 mg to about 2 mg per day.

24. (Currently amended) A method in accordance with claim ~~17~~ or 20, wherein said cadmium salt is administered orally, parenterally or by inhalation.

25. (Currently amended) The method of claim ~~17~~ or 20, wherein said cadmium salt comprises the sulfate, nitrate, chloride or acetate cadmium salt.

26-60. (Cancelled)